

Stainless Steel Electrodes

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
SUPERINOX 16/8/2	E16-8-2-16	CE	Welding of Type 16-8-2, 316, 347 stainless steels	Tigh-pressure, high-temperature piping Systems	
SUPERINOX 1A SUPERINOX 1AH	E308-16 E308L-16	CE	AISI 304, 304H, 321H, 347H, Suitable for material no. 1.4301, 1.4948, 1.4878	Petrochemical, Nuclear industries for elevated temperature creep resistance application	
KINGSTEEL	-	-	AISI 301, 302, 304, 308	Structural Welding applications	
STRIKER 308L	E308L-16	-	304L, 308L		
SUPERINOX 1C	E308L-16	ABS BV IRS NPCIL IBR CE	AISI 301, 302, 304, 304L, 308, 308L Suitable for material no. 1.4300, 1.4301, 1.4310, 1.4312, 1.4550, 1.4001, 1.4016, 1.4057	Oil and gas Industries Chemical plants Fabrication of boilers	

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
SUPERINOX 1C-15 LT	E308L-15	ABS CE	AISI 302,304, 304L, AISI 301, 302, 304, 304L, 308, 308L	Dairy industry chemical and fibre industry	
BETANOX 308L PLUS	E308L-17	CE	AISI 301,302, 304, 304L, 308, 308L 1.4300, 1.4301,1.4310, 1.4312, 1.4550, 1.4001, 1.4016,1.4057	Oil and Gas industries	
SUPERINOX 2A	E316-16	RDSO IBR CE	AISI 316, 317	Paper and pulp Paint and dye industries	
BETANOX 316 PLUS BETANOX 316L PLUS	E316-17 E316L-17	CE	AISI 316, 316L, 317, 1.4401 and similar grades		

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
SUPERINOX 2C	E316L-16	BV IRS NPCIL IBR CE	AISI 316, 316L, 317, 317L, 318, 1.4401, 1.4404, 1.4406, 1.4408, 1.4429, 1.4435, 1.4436, 1.4437, 1.4571, 1.4580, 1.4583	Naval And Chemical Environments Cladding Stainless Steels Urea Reactors Chemical Industries	
SUPERINOX 2C Mo BETANOX ZF BETANOX K	E316L-16 E316L-15	CE	Suitable for material no. 1.4401, 1.4404, 1.4406, 1.4408, 1.4429, 1.4435, 1.4436, 1.4437, 1.4571, 1.4580, 1.4583, AISI 316, 316L, 317, 317L, 318 types		
SUPERINOX 2D	E317L-16	CE	AISI 316, 316L, 317, 1.4401, 1.4404, 1.4406, 1.4408, 1.4429, 1.4435, 1.4436, 1.4437, 1.4571, 1.4580, 1.4583	Chemical Vessels Steel Tube Steel Strip and Casting	
SUPERINOX 2B	E317L-16	IBR CE	SS of AISI 318, 316, 316Ti 1.4401, 1.4404, 1.4406, 1.4408, 1.4429, 1.4435, 1.4436, 1.4550, 1.4552, 1.4571, 1.4580	Steel Tube Steel Strip Castings	
SUPERINOX 2B	E318-16	CE	AISI 318, 316, 316Ti, 1.4401, 1.4404, 1.4406, 1.4408, 1.4429, 1.4435, 1.4436, 1.4550, 1.4552, 1.4571, 1.4580	Unalloyed Steels Chemical Vessels Pipelines	
BETANOX 318 PLUS	E318-17	CE	AISI 316, 318 and equivalent grades	Chemical Paper And Pulp Dye Industries	
SUPERINOX 1B BETANOX 347 PLUS	E347-16 E347-17	BV IRS IBR CE	AISI 321, 321H, 347, 347H 1.4300, 1.4301, 1.4306, 1.4308, 1.4310, 1.4541, 1.4543, 1.4550, 1.4552, 1.4878, 1.6905	Power Plants Valve Faces, Seats Centrifugal Pump Impellers	

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
BETANOX D BETANOX 309 PLUS	E309-16 E309-17	LRA IBR CE	AISI 309 type steels	Dissimilar Joints MS To SS	
BETANOX DL	E309L-16	ABS BV IRS NPCIL IBR CE			
BETANOX D Cb	E309Nb-16	IBR CE	AISI 309, 309 Nb stabilized. steels	Corrosion Resistant Clad Steels	
BETANOX D Mo BETANOX 309Mo PLUS BETANOX D Mo L	E309Nb-17 E309Mo-17 E309LMo-16	CE IBR	AISI 309Mo type steels AISI 316, 316L	Cladding On Casting Dissimilar Joints	

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
SUPERINOX 312	E312-16	CE	Spring steels, 13% Mn steels,	Pressing Dies, Trimming Tools Armor Plates	
BETANOX C BETANOX 310 PLUS	E310-16 E310-17	CE	1.4710, 1.4713, 1.4745, 1.4762, 1.4823, 1.4832, 1.4837, 1.4840, 1.4841, 1.4845, 1.4846, 1.4848, 1.4849	Furnace Parts, Annealing Boxes Carburizing Pots Gas Turbine Combustion Chamber Parts	
BETANOX 20/30	E320-15	CE	AISI 310 type, HV-9A stainless steel,	Chemical Industries Handling Sulphuric Acids Repairing Of Castings	
BETANOX 20/25/5/Cu	E385-16	CE	904L, 904L, HV-9A, HV-9 stainless steel 1.4539, 1.4439, 1.4537, 1.4505, 1.4506, 1.4531, 1.4536, 1.4573, 1.4585, 1.4586	Petrochemical Industry Fertilizer Production Gas Desulfurization	

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
SUPERINOX 630	E630-16	CE	ASTM A-564, Type 630	Special Grade Material Compressor	
BETACHROME ND BETACHROME ND SPL	NA	CE	austenitic Mn (12%) steel to mild steel Bullet proof steel, Hardox 400, Hardox 500	Armour Plates Crusher Cones Crusher Hammers Rail Crossings Shovel Bucket Teeth	
AUSTOMANG 209 AUSTOMANG 219 AUSTOMANG 240	E209-16 E219-16 E240-16	CE	AISI Type 219 (UNS S21900) AISI Type 240 and 241 base metals	Conveyor Chains Gears, Wheels Wear Plates Direct Overlay on Mild Steel for Corrosion Applications Equipment Used at High Temperature. Applications	

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
AUSTOMANG 307	E307-16	CE	ASTM A128 Gr B2 14% Mn steel	Steel Armour Hardenable Steel	
SUPERINOX 409Nb	E409Nb-16	CE	405, 409, 409Ti, 410, 420 and 409M	Sugar Factory Mining Field Equipment's	
BETACHROME 13Cr	E410-15	CE	1.4000, 1.4002, 1.4006, 1.4021, 1.4024 and AISI 410/420 steel	Refinery Equipment's Castings	
BETACHROME 13/4 LB BETACHROME 13/4 LB-R	E410NiMo-15 E410NiMo-16	CE	ASTM CA 6NM 410, 410S and 405 base metals	Valve Seats Pulp And Paper Plant Equipment	
BETACHROME 17Cr	E430-15	CE	1.4057, 1.4740, 1.4742, 1.4059 and AISI 430 steel	Cutlery Castings Oil Refinery Equipment's	

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
BETANOX 4462	E2209-16	IBR CE	2205, 2209 type duplex stainless steels	Cast Pumps Valve Bodies Sea Water handling Equipment	
BETANOX 2553	E2553-16	CE	1.4515, 1.4517, ASTM A 240, A 351, A 890 Gr. 1A/1B	Pumps And Valves Corrosion Resisting Parts, Process Equipment	
BETANOX 2594 BETANOX 2594-16	E2594-15 E2594-16	IBR CE	UNS S 32750, S 32760, SFA 2507, Zeron 100 and Casting alloys e.g. ASTM A890 Gr.5A	Gas Industries Chemical And Petrochemical Plant	
BETANOX 2595-16 BETANOX 2595-15	E2595-16 E2595-15	CE	UNS S32550, S32750, S32760 (wrought) and UNS J93370, J93380, J93404, CD4MCuN	Mechanical And Structural Components Offshore Plant	